


		NTSB ID: DEN02TA092		Aircraft Registration Number: N91092	
		Occurrence Date: 08/14/2002		Most Critical Injury: Minor	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Broomfield		State CO	Zip Code 80020	Local Time 1011	Time Zone MDT
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Air Tractor		Model/Series AT-802A		Type of Aircraft Airplane	
Sightseeing Flight:			Air Medical Transport Flight:		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On August 14, 2002, at 1011 mountain daylight time, an Air Tractor AT-802A, N91092, was substantially damaged when it exited the left side of the runway at Jeffco Airport (BJC) in Broomfield, Colorado. The commercial pilot, the sole occupant in the airplane, received minor injuries. The U.S.D.A. Forest Service, Broomfield, Colorado, was operating the airplane under Title CFR Part 91. Visual meteorological conditions prevailed for the slurry bomber operation which was originating at the time of the accident. No flight plan was filed for the local flight.</p> <p>The pilot said the he taxied onto runway 29R, with approximately 700 gallons of fire retardant. He started the takeoff roll and at approximately 800 to 900 feet down the runway he heard a "distinct bang." The airplane immediately started an uncommanded turn to the left, and the pilot, using right rudder and right braking action, could not regain control of the aircraft. The airplane departed the runway and impacted the Visual Approach Slope Indicator box, which sheared the right main landing gear off. Subsequently, the right wing and aileron were bent up.</p> <p>Postaccident examination of the airplane by maintenance personnel revealed that the left main tire inner seal had separated from the wheel. No determination was made for why this event occurred. A Federal Aviation Administration inspector said he found two black skid marks on the runway; the left one started 10 to 15 feet before the right one.</p>					
FACTUAL REPORT - AVIATION					

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		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name Jeffco Airport	Airport ID: BJC	Airport Elevation 5670 Ft. MSL	Runway Used 29R	Runway Length 9000	Runway Width 100
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach: Unknown					
VFR Approach/Landing: Unknown					
Aircraft Information					
Aircraft Manufacturer Air Tractor		Model/Series AT-802A		Serial Number 802A-0005	
Airworthiness Certificate(s): Restricted (Special)					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 1	Certified Max Gross Wt. 16000 LBS	Number of Engines: 1		
Engine Type: Turbo Prop	Engine Manufacturer: Pratt & Whitney	Model/Series: PT6A-65B	Rated Power: 1173 HP		
- Aircraft Inspection Information					
Type of Last Inspection 100 Hour	Date of Last Inspection 07/2002	Time Since Last Inspection 10 Hours	Airframe Total Time 1665 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner Queen Bee Air Specialties, Inc.		Street Address P.O. Box 245			
		City Rigby	State ID	Zip Code 83442	
Operator of Aircraft U.S.D.A. Forest Service		Street Address			
		City Broomfield	State CO	Zip Code 80021	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Public Use					
Type of Flight Operation Conducted: Public Use					
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First Pilot Information					
Name		City		State	Date of Birth
On File		On File		On File	Age
					43
Sex: M	Seat Occupied: Center	Principal Profession: Civilian Pilot		Certificate Number: On File	
Certificate(s): Commercial					
Airplane Rating(s): Single-engine Land					
Rotorcraft/Glider/LTA: None					
Instrument Rating(s): Airplane					
Instructor Rating(s): None					
Type Rating/Endorsement for Accident/Incident Aircraft?				Current Biennial Flight Review? 05/2002	
Medical Cert.: Class 2		Medical Cert. Status: Valid Medical--no waivers/lim.		Date of Last Medical Exam: 05/2002	
- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night
					Instrument Actual Simulated
Total Time	5167	124	5157		561 88 24 3 8
Pilot In Command(PIC)	4989	124	4989		555 74 24
Instructor					
Last 90 Days	64	64	64		1
Last 30 Days	39	39	39		1
Last 24 Hours	1	1	1		
Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No	
				Second Pilot?	
Flight Plan/Itinerary					
Type of Flight Plan Filed: None					
Departure Point	State		Airport Identifier	Departure Time	Time Zone
Same as Accident/Incident Location			BJC	1011	MDT
Destination	State		Airport Identifier		
Local Flight					
Type of Clearance: None					
Type of Airspace: Class C					
Weather Information					
Source of Briefing: TV/Radio Weather					
Method of Briefing: TV/Radio					

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Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
BJC	0945	MDT	5670 Ft. MSL	NM	Deg. Mag.
Sky/Lowest Cloud Condition: Few			20000 Ft. AGL		Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 50 SM	Altimeter: 30.00 "Hg
Temperature: 28 °C		Dew Point: 2 °C	Wind Direction: 250		Density Altitude: 8471 Ft.
Wind Speed: 15		Gusts: 25	Weather Conditions at Accident Site: Visual Conditions		
Visibility (RVR): Ft.		Visibility (RVV) SM	Intensity of Precipitation:		
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	
Classification: U.S. Registered/U.S. Soil					

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot			1		1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -			1		1
Other Ground					
- GRAND TOTAL -			1		1

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Administrative Information		
Investigator-In-Charge (IIC) James F. Struhsaker		
Additional Persons Participating in This Accident/Incident Investigation: Robert M Hofer Federal Aviation Administration Denver, CO 80249		
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